

# Work Order ID 82666

**\*82666\***

Page 1

April-04-12 1:53:43 PM

Item ID: D3849-041 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: FWD WEARPLATE ASSY, STD/FLOAR GEAR  
 Start Date: 04/04/2012 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 18/04/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 12/04/04 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_  
 Run Start **\*NR1\***  
 Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3849	B

100 0.00

**\*100\***

Waterjet

FLOW CNC Waterjet

304 0.050

Memo

1-Cut as per Dwg D3849

Dwg Rev: B

Prog Rev: B

2-Debur if necessary

0.00

(2)

Jm 12-4-11

110

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*110\***

QC

Quality Control

Memo

0.00

(2)

Jm 12-4-11

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Page 2

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120 QC8- Inspect parts - second check 0.00

**\*120\***

QC

Quality Control

Memo

0.00

8/26/12

(+2)

130 0.00

**\*130\***

Brake NC

Brake NC

Memo

Form as per dwg using DT8179 & DT8155

0.00

(2)

8/12/04/19

140 QC5- Inspect part completeness to step on W/O 0.00

**\*140\***

QC

Quality Control

Memo

0.00

8/12/04/19

(2)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
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Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150		0.00							
<b>*150*</b>									
Large Fab	Memo	0.00							
Large Fab	1- On D3901-1 bar, fill cut outs with hardcoat welding rod as per dwg D3849 2059 B Hardcoat Welding Rod BATCH#: <u>M121333</u>								
	2- Weld D3901-1 bar to wearplate by positioning holes together as per dwg D3849 304 S.S. Welding Rod BATCH #: <u>M120013</u>								
160	QC9- Inspect visual per QSI004- Fusion Welds	0.00							
<b>*160*</b>									
QC	Memo	0.00							
Quality Control									

Handwritten notes: 2x Ø Pl 12-04-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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170	QC5- Inspect part completeness to step on W/O	0.00							
<b>*170*</b>									
QC	Memo	0.00							
Quality Control									

180	Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3	0.00							
<b>*180*</b>									
Powdercoat	Memo	0.00							
Powder Coating	START TIME: 10:20 OVEN TEMPERATURE: 320 °F FINISH TIME: 10:50								
190	QC3- Inspect Part Finish	0.00							
<b>*190*</b>									
QC	Memo	0.00							
Quality Control									

M117338

2X ~~✓~~ M/L 12/04/24

2 ~~✓~~ BR12-424

W/O:		WORK ORDER CHANGES					
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# Dart Aerospace Ltd

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**NOTE:** Date & initial all entries

**Work Order ID 82666**

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**\*82666\***

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Item ID: D3849-041

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: FWD WEARPLATE ASSY, STD/FLOAR GEAR

Start Date: 04/04/2012 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 18/04/2012 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursTool ID Tool # Plan  
CodeAccept Reject Reject Insp.  
Qty Qty Number Stamp

230

QC21- Final Inspection - Work Order Release

0.00

**\*230\***

QC

Memo

0.00

Quality Control

12/4/30  
W. 2.04.27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

April-04-12 1:53:46 PM

Page 1

Work Order ID: 82666

\*82666\*

Parent Item: D3849-041

\*D3849-041\*

Parent Item Name: FWD WEARPLATE ASSY, STD/FLOAR GEAR

Start Date: 04/04/2012

Required Date: 18/04/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3848-1		Manufactured	No				Each	6.0000		2			
*D3848-1*													
GASKET													
**													

ke 12.04.24

	<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
	FP002	6	
	52530	6	
D3901-1		Each	4.0000
Manufactured No			

*D3901-1*			
Bar			
**			

B 75087 x2

	<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
	WA030	4	
	75087	4	
M304S18GA		sf	251.2860
Purchased No			

*M304S18GA*			
304/316 .050 Sheet			
**			

5.157895

	<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
	MAT020	184.786	
	119032	2.3	
	119383	59.486	
	119766	3	
	120604	120	
	MAT20	66.5	
	121192	66.5	

119766

(2)

5m/4m  
12-4-11

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
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**NOTE:** Date & initial all entries

DART AEROSPACE LTD		Work Order:	82666
Description: Wearplate		Part Number:	D3849-1
Inspection Dwg: D3849	Rev: B	Page 1 of 1	

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.188	+0.005/-0.001	0.189	✓		vern	HB-02
Ø0.375	+0.006/-0.001	0.378	✓		vern	HB-02
5.89	+/-0.030	5.900	✓		vern	HB-02
18.000	+/-0.010	18.000	✓		MT	HB-01
36.000	+/-0.010	36.000	✓		MT	HB-01
51.313	+/-0.010	51.313	✓		MT	HB-01
2.45	+/-0.030	2.454	✓		vern	HB-02
2.433	+/-0.010	2.435	✓		vern	HB-02
6.642	+/-0.010	6.645	✓		vern	HB-02
4.38	+/-0.030	4.383	✓		vern	HB-02
7.00	+/-0.030	7.004	✓		vern	HB-02
4.00	+/-0.030	3.996	✓		vern	HB-02
34.500	+/-0.010	34.500	✓		vern	HB-01
54.26	+/-0.030	54.260	✓		MT	HB-01
7.72	+/-0.030	7.714	✓		vern	HB-02
0.050	+/-0.010	0.046	✓		vern	HB-02

Measured by: <i>SM</i>	Audited by: <i>S</i>	Prototype Approval:	N/A
Date: 12-4-11	Date: 12/4/12	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	09.10.01	New Issue	KJ	<i>[Signature]</i>

**Dart Aerospace Ltd**

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

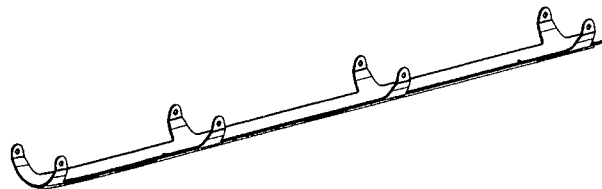
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

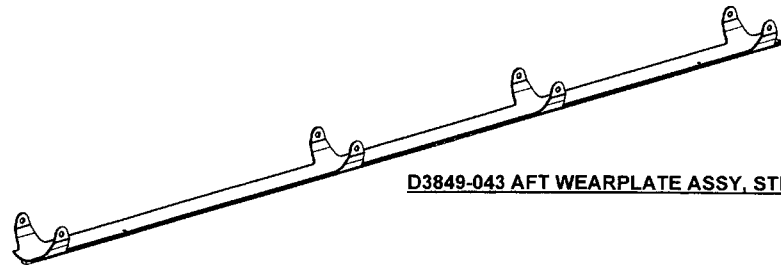
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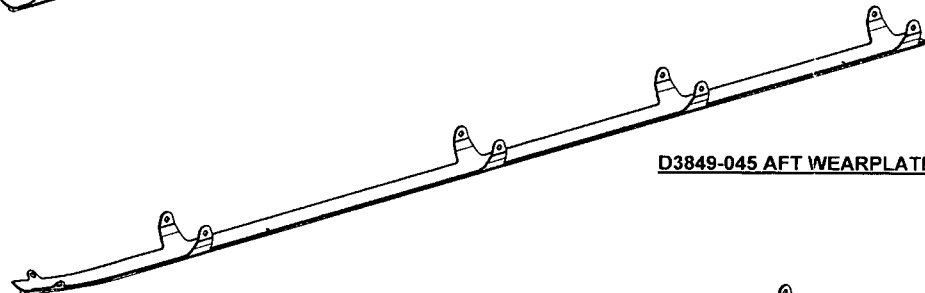




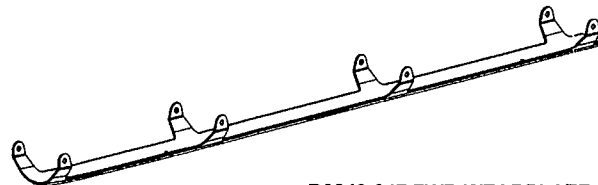
**D3849-041 FWD WEARPLATE ASSY, STD GEAR**



**D3849-043 AFT WEARPLATE ASSY, STD GEAR**



**D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR**



**D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR**

ITEM	QTY -041	QTY -043	QTY -045	QTY -047	P/N	DESCRIPTION
1	X				D3849-041	FWD WEARPLATE ASSY, STD GEAR
2		X			D3849-043	AFT WEARPLATE ASSY, STD GEAR
3			X		D3849-045	AFT WEARPLATE ASSY, FLOAT GEAR
4				X	D3849-047	FWD WEARPLATE ASSY, FLOAT GEAR
11	1				D3849-1	PLATE
12		1			D3849-3	PLATE
13			1		D3849-5	PLATE
14				1	D3849-7	PLATE
15	1				D3848-1	GASKET
16		1			D3848-3	GASKET
17			1		D3848-5	GASKET
18				1	D3848-7	GASKET
19	1			1	D3901-1	BAR
20		1			D3901-3	BAR
21			1		D3901-5	BAR
31	A/R	A/R	A/R	A/R	2059B	HARDCOAT
32	A/R	A/R	A/R	A/R	1300 (OR 1300L)	3M SCOTCH-GRIP ADHESIVE

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

NO. 82666 MCJ 12/04/04

**RELEASED**  
*8/6/13*

B	REVISED FLAT PATTERN Ø0.375 WAS SLOT HOLE ON D3849-1F/3F/5F (ZN A4-5, B4-7, B4-8, C2-10, B2-10); ADD D3849-047 (ZN D4-1, A4-1 & B4-5) & D3849-7/7F (ZN C4-9, A4-9); ADD SECTION K-K (ZN C5-10); 0.88 WAS 0.875 & 0.44 WAS 0.438 (ZN A3-10); ADD 0.25 & 0.88 (ZN D4-10, D3-10); ADD 0.88 & 0.44 (ZN C3-10 & B3-10); ADD FLAG NOTE (ZN A8-2, C6-2, C3-2, A8-3, C6-3, C3-3, A8-4, C6-4, C2-4); 66, 87 WAS 67.36 (ZN 34-7)	RF	09.06.30
A	NEW ISSUE	RF	09.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	<i>PH</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>EO</i>	D3849	SHEET 1 OF 10
APPROVED	<i>WJ</i>	TITLE	SCALE
DE APPR.	<i>H</i>	WEARPLATE ASSY	NTS
DATE	09.06.30	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

**Dart Aerospace Ltd**

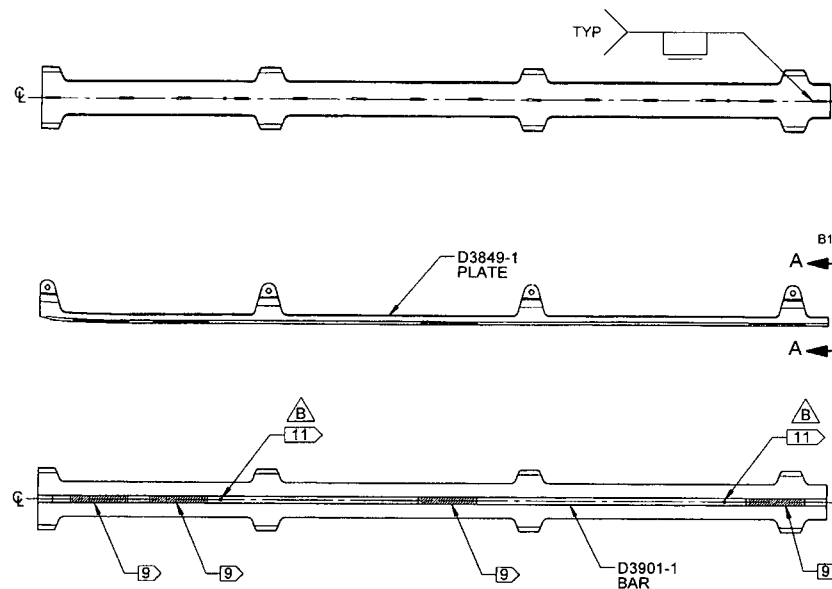
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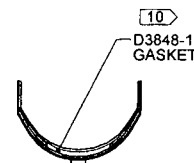
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82666



**D3849-041 FWD WEARPLATE ASSY, STD/FLOAT GEAR** B



**SECTION A-A** C3-2  
SCALE 2X

**RELEASED**  
12/27/15

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "GREY SANDEXT" (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-041" USING YELLOW PAINT MARKER AT INSIDE SURFACE
- 7) WEIGHT: D3849-041 = 4.24 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON ALL 3 SURFACES
- 10) AFTER FINISH, BOND D3848-1 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
- 11) TRANSFER DRILL  $\varnothing 0.188$  HOLES FROM D3849-1 PLATE TO D3901-1 BAR

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3849	SHEET 2 OF 10
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	WEARPLATE ASSY	NTS
DATE	09.06.30	<small>COPYRIGHT © 2008 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

# Dart Aerospace Ltd

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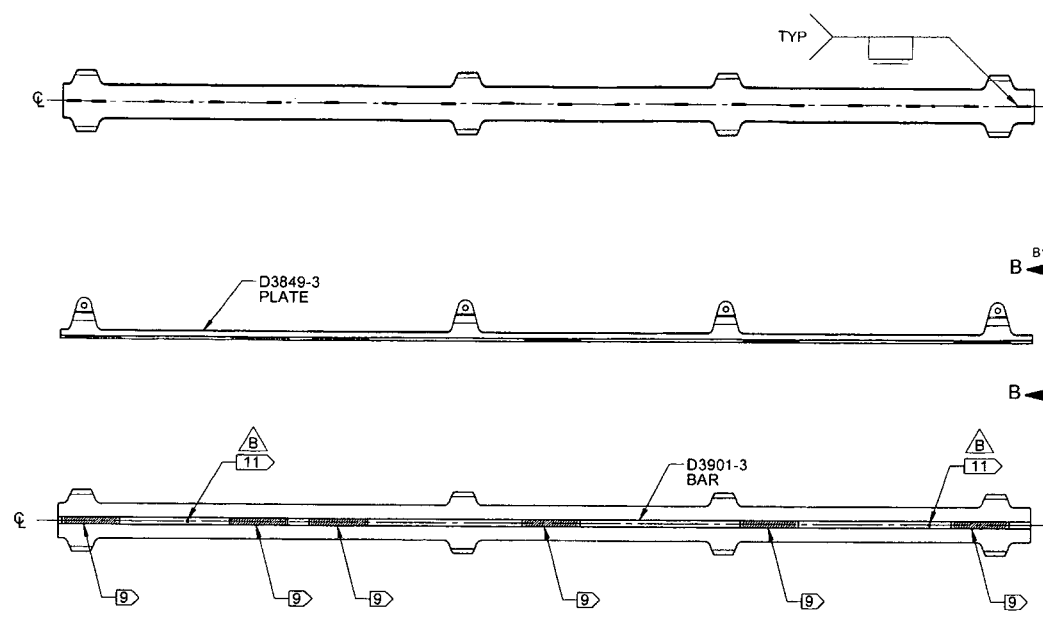
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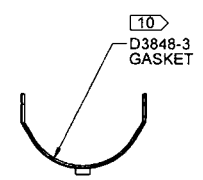
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82666



**D3849-043 AFT WEARPLATE ASSY. STD GEAR**



**SECTION B-B C2-3  
SCALE 2X**

**RELEASED**  
12/27/15

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "GREY SANDEXT" (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-043" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: D3849-043 = 5.21 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3901-3 BAR ON ALL 3 SURFACES
- 10) AFTER FINISH, BOND D3848-3 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
- 11) TRANSFER DRILL Ø0.188 HOLES FROM D3849-3 PLATE TO D3901-3 BAR

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b> PORT HADLOCK, WA	
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MFG. APPR.	RF	SHEET 3 OF 10	
APPROVED	RF	TITLE <b>WEARPLATE ASSY</b>	SCALE NTS
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DATE	09.06.30		

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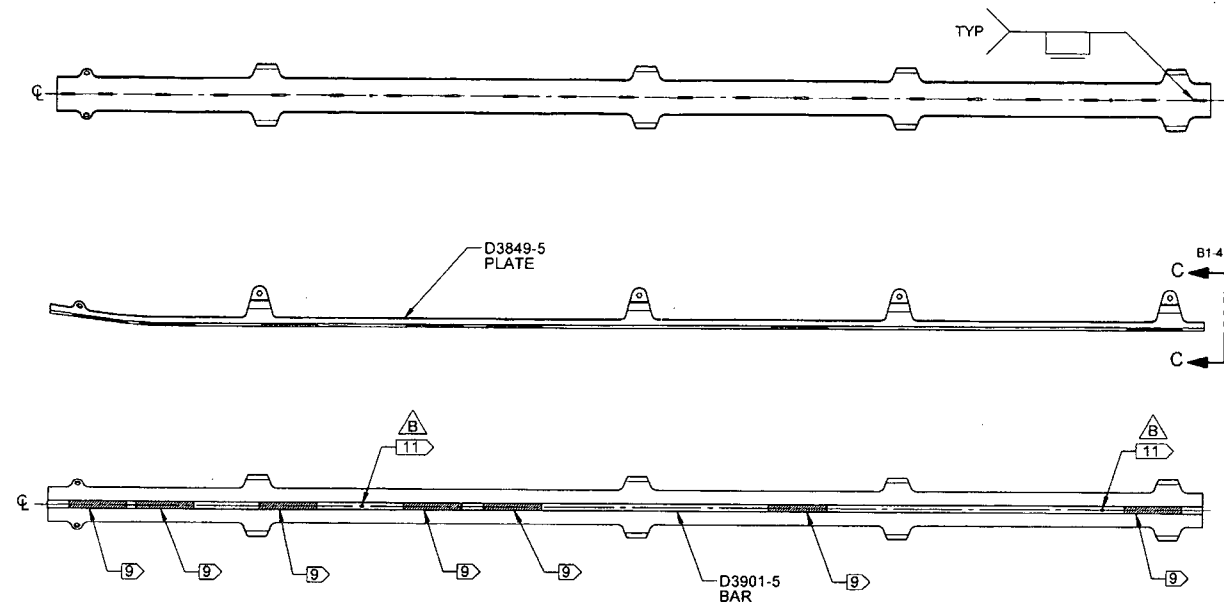
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

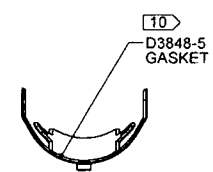
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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**D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR**



**SECTION C-C** C2-4  
SCALE 2X

**RELEASED**  
09/06/15/MD

- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "GREY SANDEXT" (4.3.5.6) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-045" USING YELLOW PAINT MARKER AT INSIDE SURFACE
  - 7) WEIGHT: D3849-045 = 5.98 lbs
  - 8) WELDING: PER QSI 004
  - 9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3849-5 BAR ON ALL 3 SURFACES
  - 10) AFTER FINISH, BOND D3848-5 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
  - 11) TRANSFER DRILL  $\varnothing 0.188$  HOLES FROM D3849-5 PLATE TO D3901-5 BAR

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MFG. APPR.	PH	D3849	SHEET 4 OF 10
APPROVED	PH	TITLE	SCALE
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

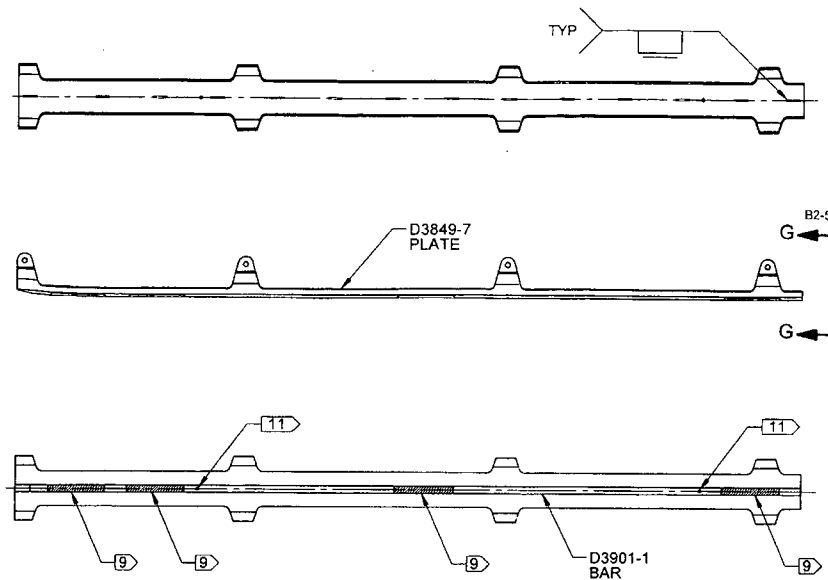
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

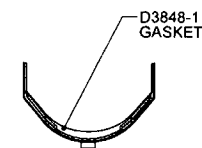
**NOTE:** Date & initial all entries



82666



**D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR**



**SECTION G-G** C3-5  
SCALE 2X

RELEASED  
10/17/12 MAB

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "GREY SANDEXT" (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-047" USING YELLOW PAINT MARKER AT INSIDE SURFACE
- 7) WEIGHT: D3849-047 = 4.26 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON ALL 3 SURFACES
- 10) AFTER FINISH, BOND D3848-7 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
- 11) TRANSFER DRILL  $\varnothing 0.188$  HOLES FROM D3849-7 PLATE TO D3901-1 BAR

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

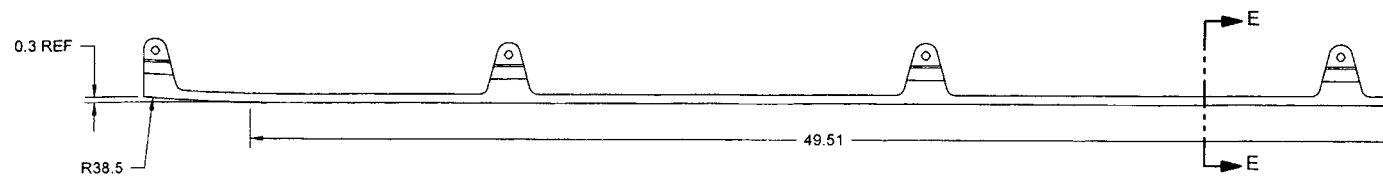
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

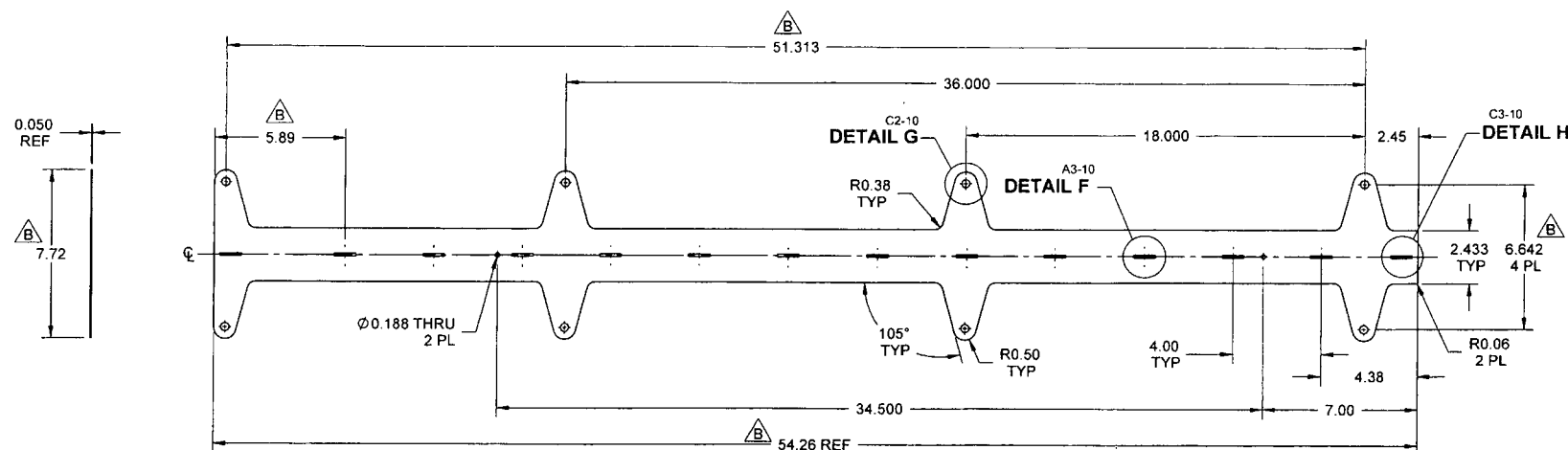
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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**D3849-1 PLATE**  
(MAKE FROM D3849-1F)



**D3849-1F FLAT PATTERN**

RELEASED  
09/07/09

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524  
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.33 lbs

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APPROVED	<i>[Signature]</i>	TITLE	SCALE
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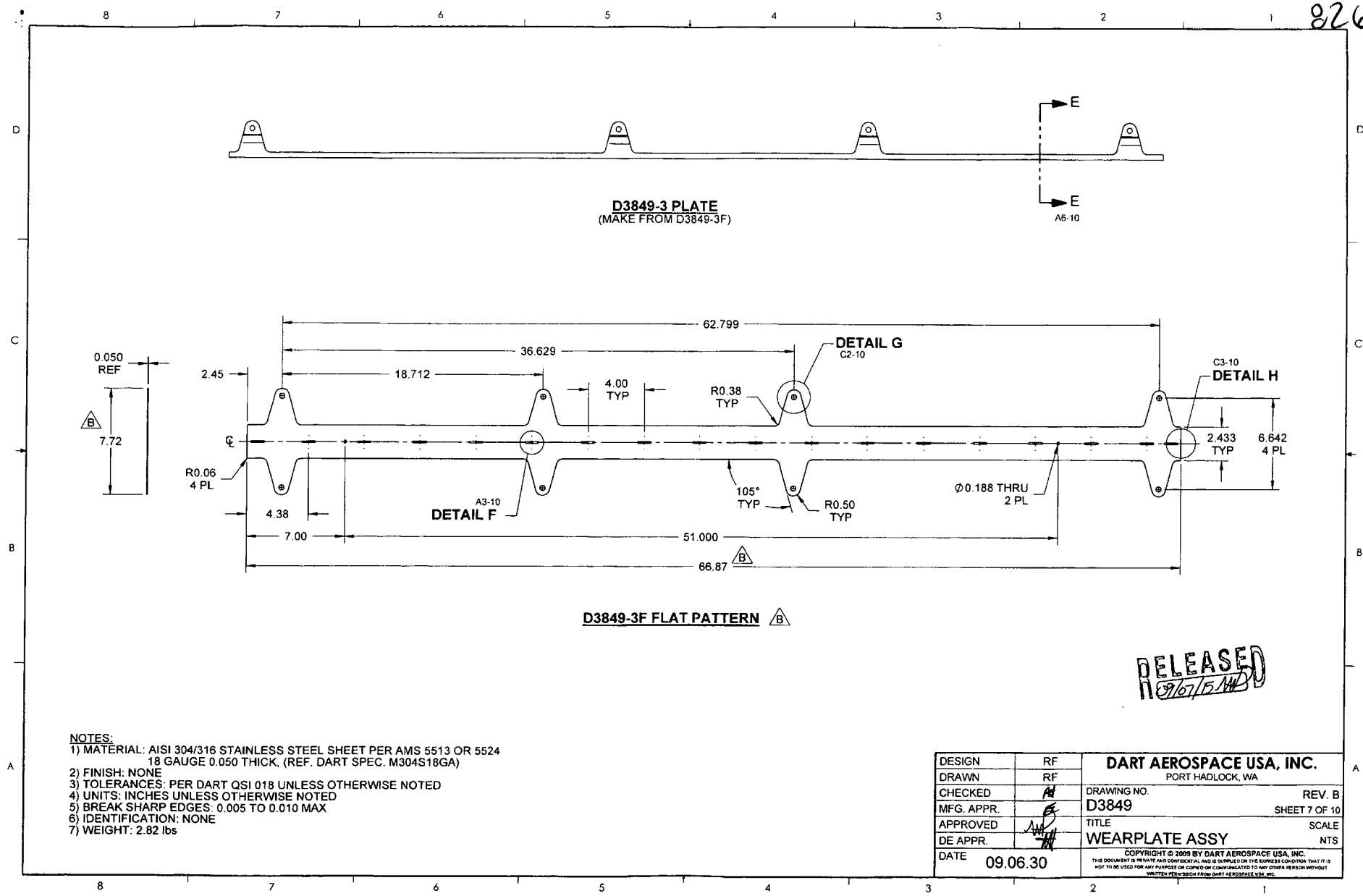
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

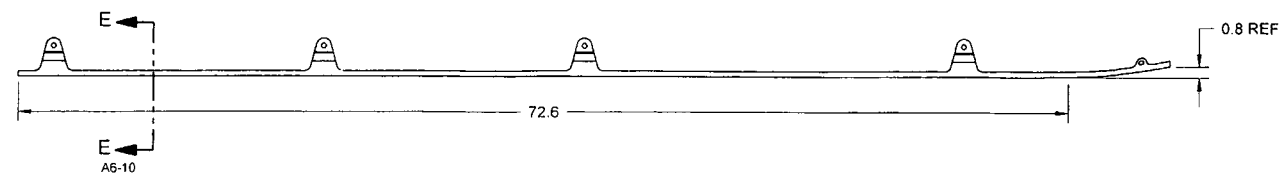
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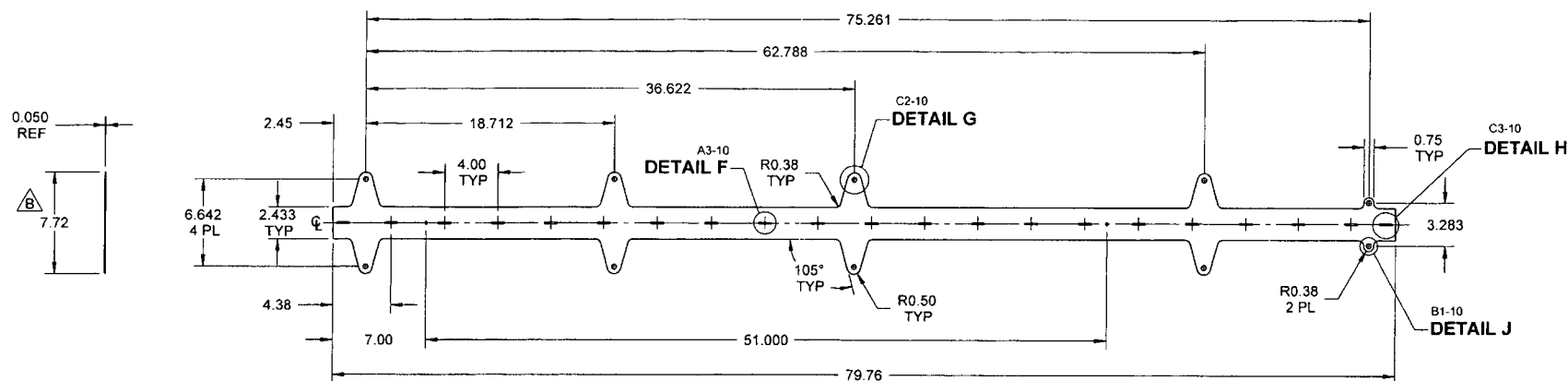
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

82666



**D3849-5 PLATE**  
(MAKE FROM D3849-5F)



**D3849-5F FLAT PATTERN**

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524  
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 3.30 lbs

**RELEASED**  
*9/6/54*

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MFG. APPR.	<i>PH</i>	D3849	SHEET 8 OF 10
APPROVED	<i>PH</i>	TITLE	SCALE
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

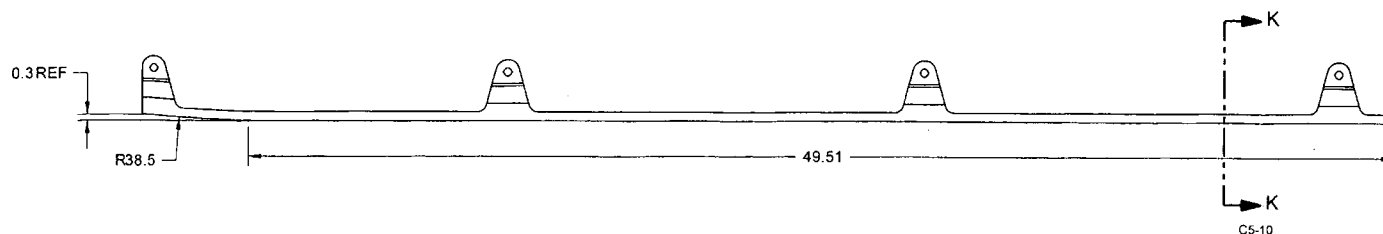
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

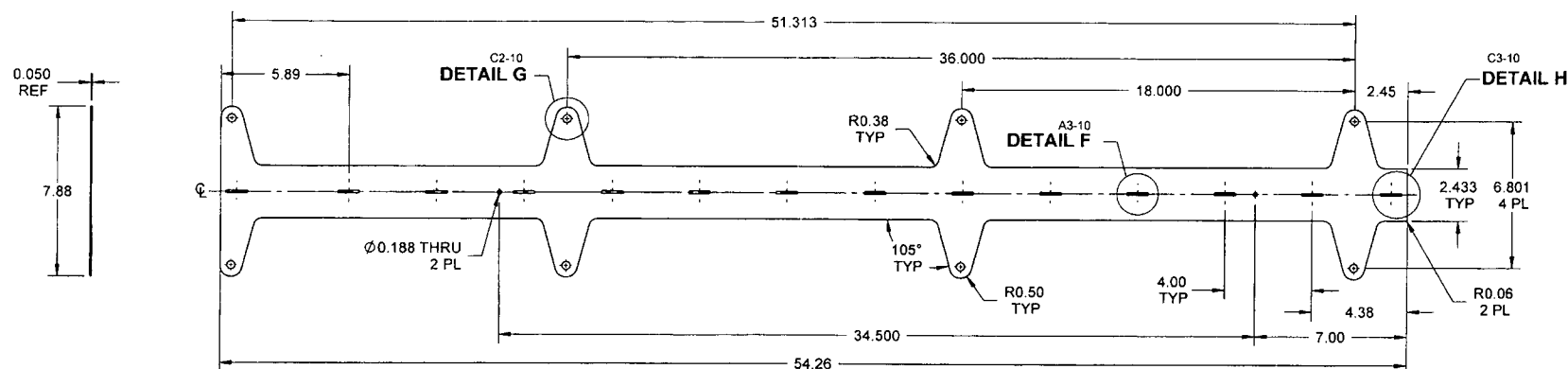
**NOTE:** Date & initial all entries



82666



**D3849-7 PLATE**   
(MAKE FROM D3849-7F)



**D3849-7F FLAT PATTERN**

**RELEASED**  
09/07/15

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524  
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.34 lbs

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	PORT HADLOCK, WA	
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MFG. APPR.		D3849	SHEET 9 OF 10
APPROVED		TITLE	SCALE
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

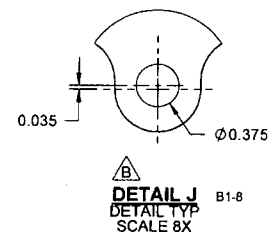
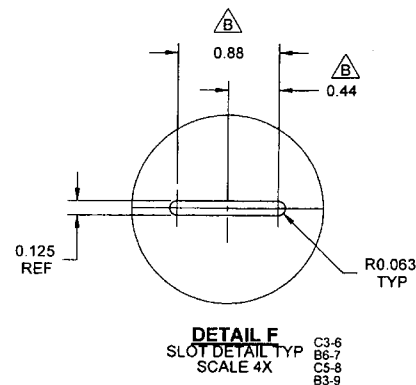
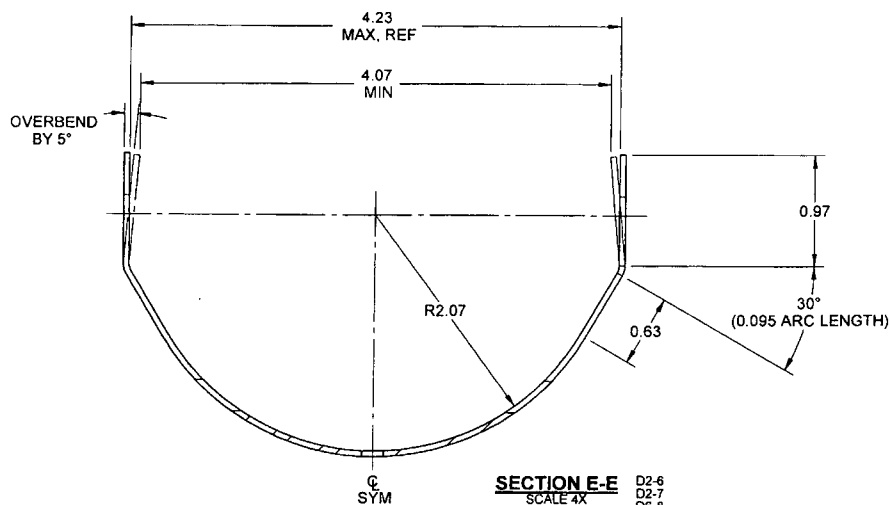
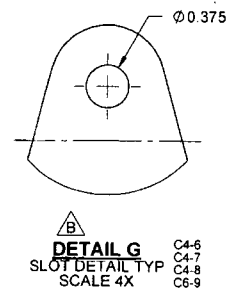
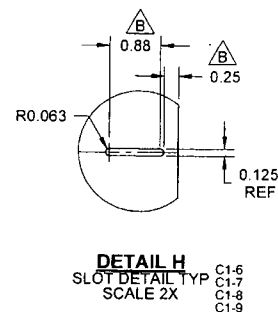
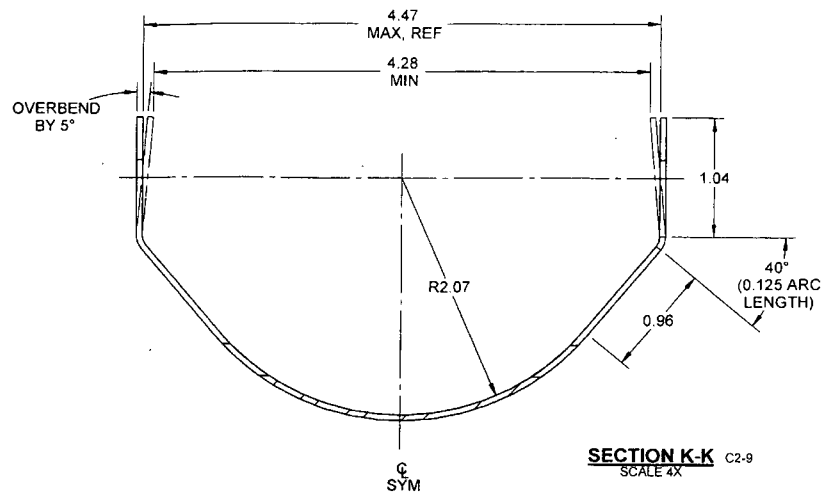
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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10/17/15

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MFG. APPR.	<i>[Signature]</i>	D3849	SHEET 10 OF 10
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries